

Claims

[1] A method for assembling a gasket, which is fitted in a fitting groove formed in the face of one of two members having faces confronting each other, and is compressed when said two members are assembled as their faces approach each other obliquely with respect to their confronting direction, thereby to seal the clearance between said two members, and

which is formed into a generally pentagonal shape having two inclined faces forming a section of an angle shape protruding to the other of said two members and forming a leading end of a round section, and a bottom face for making planar contact with the groove bottom of said fitting groove, characterized by comprising:

the first step of fitting the gasket body in said fitting groove of said one member;

the second step of, prior to beginning the assembling of said two members, bringing said leading end of said two inclined faces of the gasket body fitted in said fitting groove into contact with only the close contact face of said other member that makes close contact after the assembly with said leading end; and

the third step of assembling said two members having the gasket body fitted therein, while said leading end being in sliding contact with said close contact face.

[2] A method for assembling a gasket,

which is fitted in a fitting groove formed in the face of a throttle body of the throttle body and an intake manifold having

faces confronting each other, and is compressed when the throttle body and the intake manifold are assembled as their faces approach each other obliquely with respect to their confronting direction, thereby to seal the clearance between the throttle body and the intake manifold, and

which is formed into a generally pentagonal shape having two inclined faces forming a section of an angle shape protruding to the side of the intake manifold and forming a leading end of a round section, and a bottom face for making planar contact with the groove bottom of said fitting groove, characterized by comprising:

the first step of fitting the gasket body in said fitting groove of said throttle body;

the second step of, prior to beginning the assembling of the throttle body and the intake manifold, bringing said leading end of said two inclined faces of the gasket body fitted in said fitting groove into contact with only the close contact face of the intake manifold that makes close contact after the assembly with said leading end; and

the third step of assembling the throttle body and the intake manifold having the gasket body fitted therein, while said leading end being in sliding contact with said close contact face.

[3] A gasket assembling method as set forth in claim 2, characterized in that, at said third step, the corner portion of the generally pentagonal section, which is one of the end portions of said two inclined faces located on the downstream side in the direction of the relative movement of the intake manifold, and

the side face between said corner portion and said bottom face make close contact with the confronting groove side wall of the fitting groove.

[4] A gasket fitted in a fitting groove formed in the face of one of two members having confronting faces confronting each other, and compressed when said two members are assembled as their confronting faces approach each other obliquely with respect to their confronting direction, thereby to seal the clearance between said two members, characterized:

in that said gasket is formed into a generally pentagonal shape having two inclined faces forming a section of an angle shape protruding to the other of said two members and forming a leading end of a round section, and a bottom face for making planar contact with the groove bottom of said fitting groove; and

in that, in case said two members are assembled, the corner portion of the generally pentagonal section, which is one of the end portions of said two inclined faces located on the downstream side in the direction of the relative movement of said other member, and the side face between said corner portion and said bottom face make close contact with the confronting groove side wall of the fitting groove.

[5] A gasket fitted in a fitting groove formed in the confronting face of a throttle body of the throttle body and an intake manifold having confronting faces confronting each other, and compressed when the throttle body and the intake manifold are assembled as their confronting faces approach each other obliquely with respect to their confronting direction, thereby

to seal the clearance between the throttle body and the intake manifold, characterized:

in that said gasket is formed into a generally pentagonal shape having two inclined faces forming a section of an angle shape protruding to the side of the intake manifold and forming a leading end of a round section, and a bottom face for making planar contact with the groove bottom of said fitting groove; and

in that, in case the throttle body and the intake manifold are assembled, the corner portion of the generally pentagonal section, which is one of the end portions of said two inclined faces located on the downstream side in the direction of the relative movement of the intake manifold, and the side face between said corner portion and said bottom face make close contact with the confronting groove side wall of the fitting groove.

[6] A gasket as set forth in claim 5, characterized: in that, in case the throttle body and the intake manifold are assembled, the gasket body is fitted in said fitting groove, and the assembly of the throttle body and the intake manifold begins with the contact between said leading end of said two inclined faces of the gasket body fitted in said fitting groove and said confronting face of the intake manifold, and then the throttle body and the intake manifold approach each other, while said leading end of said two inclined faces of the gasket body fitted in said fitting groove making sliding contact with only said confronting face of the intake manifold.

[7] A gasket as set forth in claim 5 or 6, characterized: in that the shape, as taken from the side of the intake manifold,

of the gasket body fitted in said fitting groove is an elliptical shape having a longer axial direction in the assembly direction, in which the throttle body and the intake manifold are assembled.